



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Alamance PERMIT NO.: 01-01 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: June 14, 2013 **Date of Last Inspection:** December 21, 2010 **Site Visit:** June 12, 2012

FACILITY NAME AND ADDRESS:

Alamance County Closed MSW Landfill
3066 Alfred Road
Swepsonville, NC 27359

GPS COORDINATES: N: 36.01467 E: -79.34822

FACILITY CONTACT NAME AND PHONE NUMBER:

Greg Thomas, Solid Waste Director
w. 336-376-0411
c. 336-264-6700
f. 336-376-1302
greg.thomas@alamance-nc.com

FACILITY CONTACT ADDRESS:

Alamance County MSW Landfill
Greg Thomas, Solid Waste Director
2701 Austin Quarter Road
Graham, NC 27253

PARTICIPANTS

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)
Greg Thomas, Solid Waste Director - Alamance County MSW Landfill
Rodney Foust, Landfill Operation Superintendent - Alamance County MSW Landfill

STATUS OF PERMIT:

Closed

PURPOSE OF SITE VISIT:

Post Closure Inspection

STATUS OF PAST NOTED VIOLATIONS:

None

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OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

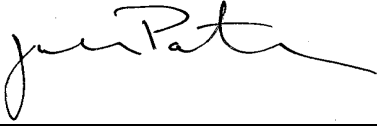
On June 14, 2013, John Patrone met with Greg Thomas and Rodney Foust to conduct a post closure inspection of the Alamance County Closed MSW Landfill on Alfred Road in Sweptsonville, Alamance County.

1. The facility is a closed municipal solid waste (MSW) landfill.
2. The facility ceased operation on October 4, 1993.
3. Landfill closure encompasses a 29 acre post-1991 MSW landfill, a 3 acre construction and demolition debris (C&D) landfill, a 1 acre tire monofill, and a 50 acre pre-1991 landfill.
4. Facility post closure conditions were issued by SWS, letter date July 5, 1995.
5. When the landfill was in operation vertical pits were dug, filled, and covered with the extracted soil.
6. Edge of waste markers have been installed.
7. The facility maintains semiannual groundwater and surface water test records collected by Buxton Environmental, Inc. Records for groundwater and surface water were verified for March 28, 2013, September 6, 2012, March 13, 2012, September 12, 2011, March 14, 2011, and September 16, 2010. Test records note an exceedance.
8. The facility maintains quarterly methane monitoring records. Methane monitoring was conducted by Municipal Engineering Services Company (MESCO) using a GEM 2000 Plus, calibrated: 05/10/13. Records for methane monitoring conducted May 14 (2nd quarter) and February 7, 2013 (1st quarter) and November 3 (4th quarter), August 9 (3rd quarter), April 27 (2nd quarter), and January 13, 2012 (1st quarter), and October 20 (4th quarter), July 28 (3rd quarter), April 21 (2nd quarter), and January 11, 2011 (1st quarter) were verified. Monitoring results do not indicate an exceedance of LEL.
9. There are a total of 21 landfill gas (LFG) probes installed, constructed of ¾ inch PVC pipe.
10. Mr. Thomas stated that all of the landfill gas wells are labeled and have stopcock valves.
11. Alamance County has a temporary disaster debris staging site (TDDSS, DS01-006) located on the property, prior to the landfill/fill area, on the left.
12. The TDDSS is estimated to be 8 – 10 acres. The area is primarily clear of woody vegetation.
13. There was no indication of erosion or runoff.
14. Ensure low areas, holding water, are raised and graded accordingly.
15. The landfill cap is covered with native grasses and is mowed annually in the fall.
16. There is a radio tower on site, prior to the fill area, with a small storage building/structure.
17. Alamance County has approved the use of an area of the landfill (cap) for a local model airplane flying club to fly planes. A carport-like structure designates the general area of use.
18. The facility is secured by a locked gate.
19. Access roads are of all-weather construction.
20. The facility has proper signage.

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Please contact me if you have any questions or concerns regarding this inspection report.



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone
Environmental Senior Specialist
Regional Representative

Sent on: <u>June 21, 2013</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. <u> </u>
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Copies: Jason Watkins, Western District Supervisor
Sarah Rice, Compliance Officer
Ervin Lane, Compliance Hydrogeologist

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Digital pictures taken June 14, 2013
by John Patrone DWM-SWS

Radio tower on property and view of pre-1991 area



View of pre-1991 area towards carport-like structure



Landfill gas probe, representative



Groundwater monitoring well, representative

